

Title (en)  
CONTRAST CORRECTION DEVICE

Publication  
**EP 0459366 A3 19920304 (EN)**

Application  
**EP 91108616 A 19910528**

Priority  
JP 14315890 A 19900531

Abstract (en)  
[origin: EP0459366A2] A contrast correction device for correcting a contrast of an image formed by video signals includes a brightness/darkness detecting circuit (2, 6) for detecting a tone level of the image and for producing a bright signal when the tone level is greater than a predetermined brightness, and a dark signal when the tone level is less than a predetermined darkness. A correction circuit (5) is provided for correcting a luminance signal (S1) by a negative gamma correction in response to the bright signal, and a positive gamma correction in response to the dark signal. Thus, the contrast of bright areas in the image are enhanced when the bright signal is produced, and the same are suppressed when the dark signal is produced. <IMAGE>

IPC 1-7  
**H04N 5/57**; **H04N 5/202**

IPC 8 full level  
**H04N 5/202** (2006.01); **H04N 5/20** (2006.01); **H04N 5/57** (2006.01)

CPC (source: EP KR US)  
**H04N 5/20** (2013.01 - EP US); **H04N 5/57** (2013.01 - EP KR US)

Citation (search report)  
• [X] US 4489349 A 19841218 - OKADA TAKASHI [JP]  
• [A] US 4152720 A 19790501 - FENTON ROGER W [GB]

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DE4242275C1; EP0585558A3; DE4237420A1; DE4237420C2; EP0570873A3; US5422680A; GB2400765A; GB2400765B; CN100397909C; US7265795B2; US7034896B2

Designated contracting state (EPC)  
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**EP 0459366 A2 19911204**; **EP 0459366 A3 19920304**; **EP 0459366 B1 19960814**; AU 630810 B2 19921105; AU 7732291 A 19911205; CA 2043325 A1 19911201; CA 2043325 C 19960220; DE 69121313 D1 19960919; DE 69121313 T2 19970327; DE 69131143 D1 19990520; DE 69131143 T2 19991209; EP 0684733 A2 19951129; EP 0684733 A3 19960110; EP 0684733 B1 19990414; JP H0437263 A 19920207; KR 910021116 A 19911220; KR 960001027 B1 19960117; MY 109715 A 19970430; US 5196937 A 19930323

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